

This tool was revised on 23 Nov 2010

# USAF Refractive Surgery (USAF-RS) Clinical Guidelines

#### REFRACTIVE STABILIZATION:

No more than 0.5D shift in sphere/cylinder or more than 15 degree axis change over the past year

#### PUPILS:

Up to and including 9.0 mm

#### OCCUPATIONAL CONSIDERATIONS:

All other AASD may be treated at any DOD RS Center, except as below:

Hyperopic AASD evaluated at ACS prior to treatment at JWRSC, Lackland AFB

Special Forces: PRK recommended

Security Police: PRK recommended

#### MEDICATIONS THAT ARE DISQUALIFYING FOR REFRACTIVE SURGERY

Imitrex: discontinued use for at least 6 months

Accutane: discontinued use for at least 6 months

TB Meds (INH): discontinued use for at least 1 month

Amiodarone (antiarrhythmic med)

Prednisone

Any immunos uppressive drug

#### OCULAR CONDITIONS THAT ARE DISQUALIFYING FOR REFRACTIVE SURGERY

History of Herpetic Eye Disease

Keratoconus or Form-fruste keratoconus

Pellucid Marginal Degeneration

Ocular Rosacea

Severe Dry Eye Disease

Visual Axis Corneal Scars

Glaucoma

NOTE: Pigment Dispersion Syndrome (PDS) is NOT disqualifying, if member is not on glaucoma medication and does not exhibit any sign of glaucoma

#### SYSTEMIC CONDITIONS THAT ARE DISQUALIFYING FOR REFRACTIVE SURGERY

Immunodeficiency Diseases (AIDS/HIV on meds)	Pregnancy - must be 6 months post-partum		
Diabetes	Breast feeding - nursing discontinued for 6 months		
Keloid formers are OK			

#### AUTOIMMUNE DISEASES (listed below by main target organ - not comprehensive)

Endocrine Glands	Blood
Type 1 or immune-mediated diabetes mellitus	Autoimmune hemolytic anemia
Grave's Disease	Pernicious anemia
Hashimoto's thyroiditis	Autoimmune thrombocytopenia
Autoimmune oophoritis and orchitis	Blood Vessels
Autoimmune disease of the adrenal gland	Temporal arteritis
Gastrointestinal System	Anti-phospholipid syndrome
Crohn's Disease	Vasculitides such as Wegener's granulomatosis
Ulcerative colitis	Behcet's disease
Autoimmune hepatitis	Nervous System
Skin	Multiple sclerosis
Psoriasis	Myasthenia gravis
Dermatitis Herpetiformis	Autoimmune uveitis
Pemphigus Vularis	Autoimmune neuropathies
Vitiligo	such as Guillain-Barré Primary biliary cirrhosis

Information up dated on 23 NOV 2010

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Revision: 01 OCT 2009

### TPSK: I-S Value Calculator

Applicant: Date: 11/24/2010

Enter Keratometry powers superior and inferior symmetrically about the center.

If using less than 5 entries, leave unused cells blank. "00.00" entries will affect calculated averages.

	OD		
40.00	41.00	41.00	
Superior Avg =	40.67	# of entries	3
I-S Difference =	0.93	within li	mits
Inferior Avg =	41.60	# of entries	3

		OS		
41.00	41.00	41.00	41.00	41.00
Superio	or Avg =	41.00	# of entries	5
I-S Diff	erence =	1.00	exceeds	limits
Inferio	or Avg =	42.00	# of entries	5
42.00	42.00	42.00	42.00	42.00

OD to OS Comparison (Average Differences)		
Just Superior Areas =	0.33	within limits
OD to OS Overall =	0.37	within limits
Just Inferior Areas =	0.40	within limits
Difference > 1.00 exceeds USAF_RS Criteria		

Note: This tool was designed for use with Humphrey Corneal Topographers (numerical display).

Results should be used only as adjunct to other diagnostic clinical information by an qualified provider.

revision date: 18 NOV 09